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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

Date: July 7, 1994

REPLY TO THE ATTENTION OF:

Subject: Consultation Letter for Sauget Area 1: Site G

To: Louise Fabinski, ATSDR

From: Sam Borries, OSC *Sam Borries*

The purpose of this memo is to request a consultation letter from ATSDR on the enclosed data for the Sauget Area 1 Site G. Also enclosed is a summary of the site background and location maps. It is the intent of the Removal program to assess the need for immediate removal action at the Sauget Area 1: Site G. It is the current belief that capping the landfill will remedy the exposure threat. This will include a small amount of contaminated soil removal from outside of the landfill and placement of this material into the fill area prior to capping.

Additional information that may assist you in your review is as follows:

The Site G landfill is approximately five acres in size and is currently surrounded by a six foot barbed wire chain link fence. The site is partially uncovered with waste product material exposed in deteriorated drums and on the ground surface (see attached data for contaminate concentration levels). According to the Sauget Fire Department the landfill has reportedly experienced spontaneous combustion and burned four or five times since early April 1994. Private residential property is located along a portion of the fenced landfill.

Air samples were collected on the landfill and surrounding area. Results of air monitoring using summa canisters and gilliam pumps can be found in the attached data. Air sample AS-1 was collected directly on the landfill near a smoldering hot spot. Samples AS-2 through AS-4 were collected on the perimeter fence line and air sample AS-5 was collected in a residential area approximately 1/4 mile from the site. Air sample AS-6 was collected as a background sample.

Soil samples 101-105 were collected within the fence area of the landfill while samples 106-109 were collected outside the fence area.

If you have any questions or need further information please do not hesitate to contact me at 312/ 353-2886.

Attachments 1-4